



**STEREO  
(Behind)**

**SOHO (and ACE)**

**STEREO  
(Ahead)**

*STEREO spacecraft orbit generally along the Earth's orbit path. SOHO and ACE are about 1 million miles (1.6 km) towards the sun from Earth at the Lagrangian Point L1.*

Relative positions of SOHO & both STEREO spacecraft on November 24, 2009. STEREO will observe the entire Sun in early 2011.  
(Diagram not to scale)